

ABSTRACT

It is an object of the invention to effectively absorb and remove CO_2 in an exhaust gas generated during an industrial process for reducing an amount of exhausting CO_2 into the atmospheric air. The exhaust gas containing CO_2 is blown into the agglomerate of solid particles containing CaO and/or Ca(OH)_2 to contact CO_2 to the agglomerate for fixing CO_2 in the exhaust gas as CaCO_3 , thereby to reduce the CO_2 concentration in the exhaust gas. Preferably, the solid particles contain water, and more preferably, the solid particles contain surface adhesive water.

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